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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/691,678	10/23/2003	Toshihisa Omori	IIP-112-A	6599

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EXAMINER

COLETTA, LORI L

ART UNIT	PAPER NUMBER
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3612

DATE MAILED: 09/14/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/691,678

Applicant(s)

OMORI, TOSHIHISA

Examiner

Lori L. Coletta

Art Unit

3612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 October 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 October 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 102303 & 03304
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Drawings

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description:

Reference characters **B** (FIG. 1), **C**, **D** (FIG. 2 and FIG. 3) and **19b** (FIG. 5) are not mentioned in the description.

Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

2. The disclosure is objected to because of the following informalities:

"dram 15" [056 and 062] needs to be changed to --drum 15--.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

Art Unit: 3612

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 2, 5-8 and 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Rouillard 4,903,436.

Regarding claim 1, Rouillard '436 discloses a supporting structure of a window glass of a vehicle, the supporting structure comprising a window runner (2), which has a junction to be fixed to the window glass (3), and an engagement part, which is engaged with a guide rail (1) provided at the vehicle's cabin side and is moved in the ups-and downs direction of the window glass, wherein the window runner is bonded to the vehicle's cabin side surface of the window glass through the junction (columns 1 and 2) in Figure 1.

Regarding claim 2, Rouillard '436 discloses a supporting structure of a window glass of a vehicle, wherein a dimension in the ups and downs directions of the junction is larger than a dimension in the fore-and-rear directions of the junction in Figure 1.

Regarding claim 5, Rouillard '436 discloses a supporting structure of a window glass of a vehicle, the supporting structure comprising a guide rail (1), which is provided along a transfer direction of the window glass (3); and a window runner (2), which is fixed to the window glass from a vehicle cabin side and which operatively engages with the guide rail, wherein the window runner moves along the guide rail, when the window glass is transferred in Figure 1.

Regarding claim 6, Rouillard '436 discloses a supporting structure of a window glass of a vehicle, wherein a plurality of window runners (2) are fixed to window glass and lines up along the transfer direction of the window glass in Figure 1.

Art Unit: 3612

Regarding claim 7, Rouillard '436 discloses a supporting structure of a window glass of a vehicle, wherein the window runner (2) includes a first window runner which is placed on one side of the window (3) glass, and a second window runner which is placed on other side of the window glass (3), and wherein the guide rail (1) includes a first guide rail to be engaged with the first window runner, and a second guide rail to be engaged with the second window runner (column 2, lines 59-64) in Figure 1.

Regarding claim 8, Rouillard '436 discloses a supporting structure of a window glass of a vehicle, wherein said dimension is length in Figure 1.

Regarding claim 11, Rouillard '436 discloses a supporting structure of a window glass of a vehicle, wherein said window runner (2) is bonded to a vehicle cabin side surface of said window glass in Figure 1.

5. Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by French reference 2 681 819.

Regarding claim 1, French reference '819 discloses a supporting structure of a window glass of a vehicle, the supporting structure comprising a window runner, which has a junction to be fixed to the window glass, and an engagement part, which is engaged with a guide rail provided at the vehicle's cabin side and is moved in the ups-and downs direction of the window glass, wherein the window runner is bonded to the vehicle's cabin side surface of the window glass through the junction.

Regarding claim 2, French reference '819 discloses a supporting structure of a window glass of a vehicle, wherein a dimension in the ups and downs directions of the junction is larger than a dimension in the fore-and-rear directions of the junction.

Art Unit: 3612

Regarding claims 3 and 4, French reference '819 discloses a supporting structure of a window glass of a vehicle, wherein the window glass is composed of a first window piece, which is placed in an external side of the vehicle, and a second window piece, which is placed in a vehicle's cabin side, wherein the junction of the window runner is sandwiched between the first window piece and the second window piece, and one side surface of the junction is bonded to the first window piece, and the other side surface of the junction is bonded to the second window piece.

Regarding claim 5, French reference '819 discloses a supporting structure of a window glass of a vehicle, the supporting structure comprising a guide rail (1), which is provided along a transfer direction of the window glass (3); and a window runner (2), which is fixed to the window glass from a vehicle cabin side and which operatively engages with the guide rail, wherein the window runner moves along the guide rail, when the window glass is transferred in Figure 1.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 9, 10 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over French reference 2 681 819 in view of Jourdain et al. 5,979,932.

Regarding claims 9, 10, and 12, French reference '819 discloses a supporting structure of a window glass of a vehicle, wherein a portion of said window runner is fixed between said first

Art Unit: 3612

and second window pieces (claim 12) but does not show wherein said first and second window pieces are laminated together.

Jourdain et al. '932 teach first and second window pieces (16 and 17) laminated together (18) in Figure.

Regarding claims 9, 10, and 12, it would have been obvious to one having ordinary skill in the art at the time the invention was made to make the first and second window pieces of French reference '819 laminated together, as taught by Jourdain et al. '932, in order to provide increased flexural strength.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lori L. Coletta whose telephone number is (703) 306-4614. The examiner can normally be reached on Monday-Friday 6:00am-2:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn Dayoan can be reached on (703) 308-3102. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Lori L. Coletta
Lori L. Coletta
Primary Examiner
Art Unit 3612

Application/Control Number: 10/691,678

Page 7

Art Unit: 3612

llc

September 8, 2004